

BOSTON'S ZERO-EMISSION VEHICLE ROADMAP SUMMARY

GOAL	ASPIRATIONAL TARGETS	ACTIONS
<p>1</p> <p>Support widespread adoption of electrification</p>	<ul style="list-style-type: none"> • 23% of all new car purchases in Boston are EVs by 2025 • Every household will be within a 10-minute walk of an EV car share facility or a publicly accessible charging station by 2030 (also supports Goal 2) 	<p>EXISTING CITY PROGRAMS THAT WILL CONTINUE</p> <ul style="list-style-type: none"> • Recharge Boston outreach materials and programs • Small Vehicle Sharing Business Advisory Committee • Mayor Walsh's 2019 legislative agenda includes an Act Relative to Transportation Network Company Rider Assessments <p>FUTURE ACTIONS</p> <ol style="list-style-type: none"> 1. Develop TNC electrification policy/program 2. Support the growth of personal and shared e-bike use 3. Support shared micromobility charging infrastructure 4. Release an RFP for an EV car share by FY2022 5. Explore opportunities to develop auto dealership and customer engagement programs
<p>2</p> <p>Ensure affordable, convenient access to charging infrastructure for all residents</p>	<ul style="list-style-type: none"> • Total EV charging plugs needed by 2025: 1,055 Level 2 and 320 DC Fast chargers that are City- or privately owned • Free-to-access public charging infrastructure available in every neighborhood by 2023 	<p>EXISTING CITY PROGRAMS THAT WILL CONTINUE</p> <ul style="list-style-type: none"> • Install EV charging stations in municipal lots • EV Readiness Policy for New Large Developments • Rights to Charge policy for condominiums <p>FUTURE ACTIONS</p> <ol style="list-style-type: none"> 6. In addition to the 658 Level 2 charging plugs currently installed, the City of Boston will aspire to add 50% of the remaining needed Level 2 Charging plugs by 2025, totalling in 198 charging plugs 7. Develop a curbside charging policy and launch pilot by 2022 8. Explore expanding Right to Charge to include rental properties
<p>3</p> <p>Electrify the municipal fleet</p>	<ul style="list-style-type: none"> • All vehicles purchased for Central Fleet are electric or ZEVs, or best in class if an appropriate ZEV is not available • 100% of light-duty vehicles are emissions free by 2035 • 100% of medium-duty vehicles are emissions free by 2050 • 100% of heavy-duty vehicles are emissions free or low emissions by 2060 	<p>FUTURE ACTIONS</p> <ol style="list-style-type: none"> 9. Operationalize green fleet purchasing policy to govern recurring purchases 10. Develop strategic, cost-efficient, and future-proofed fleet charging station plan 11. Test vehicle-to-grid technology 12. Continue to align fleet procurement policy citywide best practice 13. Rightsize the fleet and shed and repurpose underutilized assets